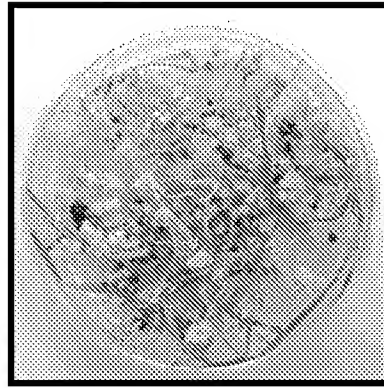


KOSHIHIKARI



KASALATH

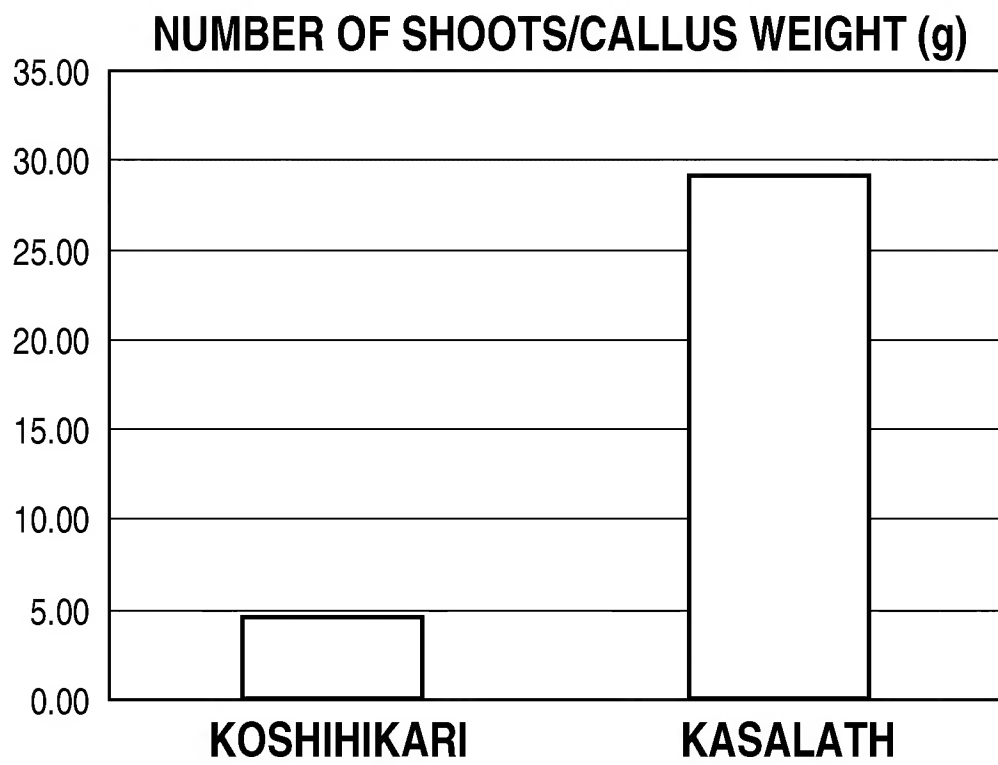


Fig. 1

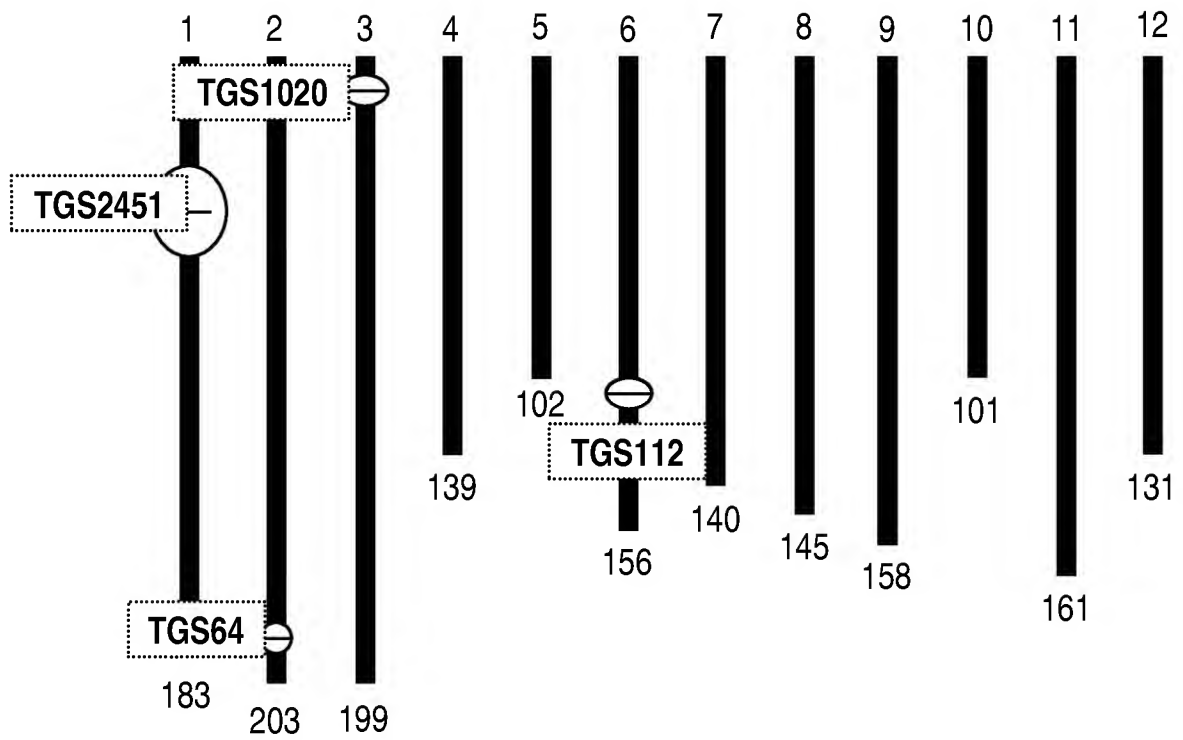


Fig. 2

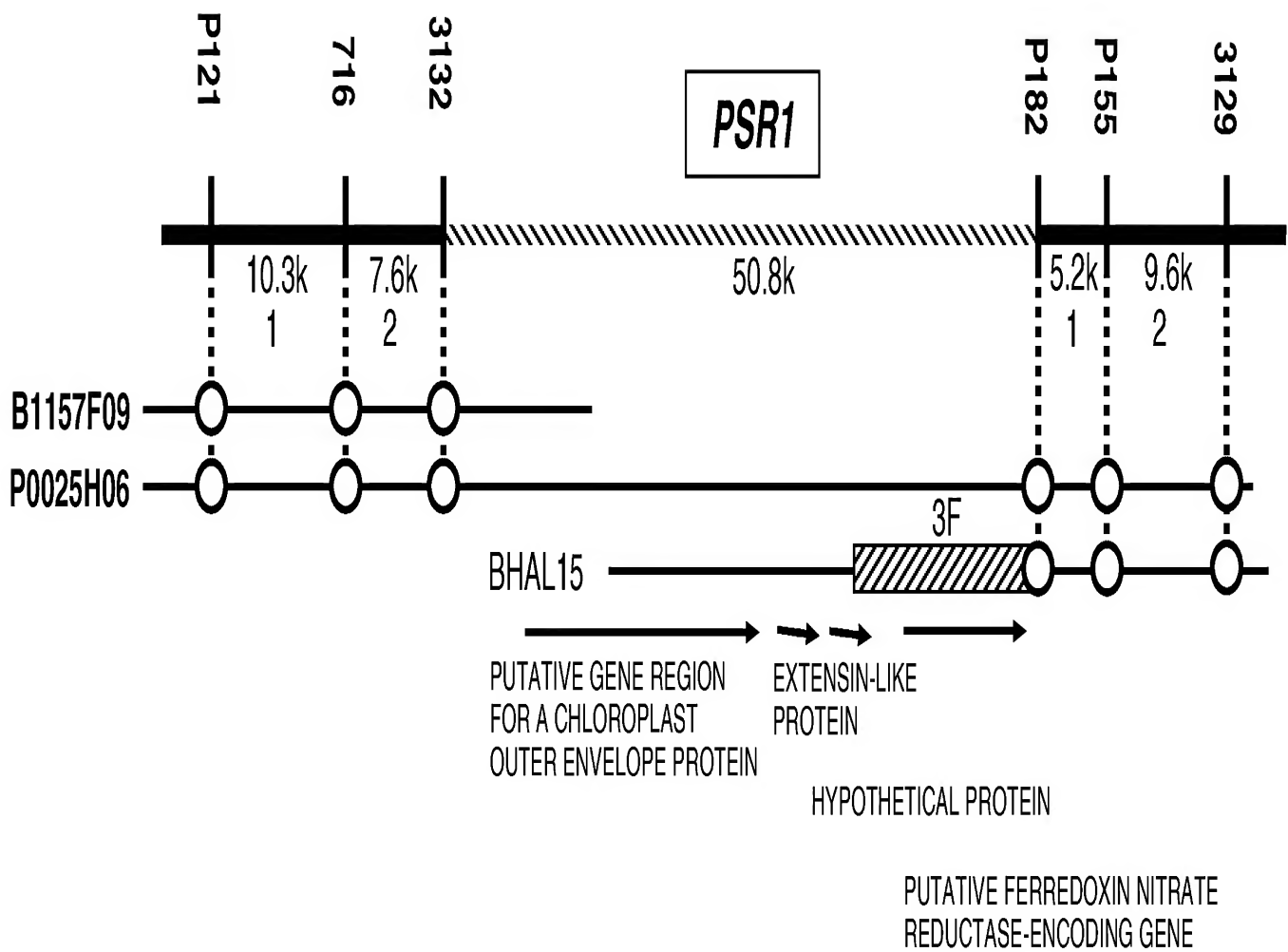


Fig. 3

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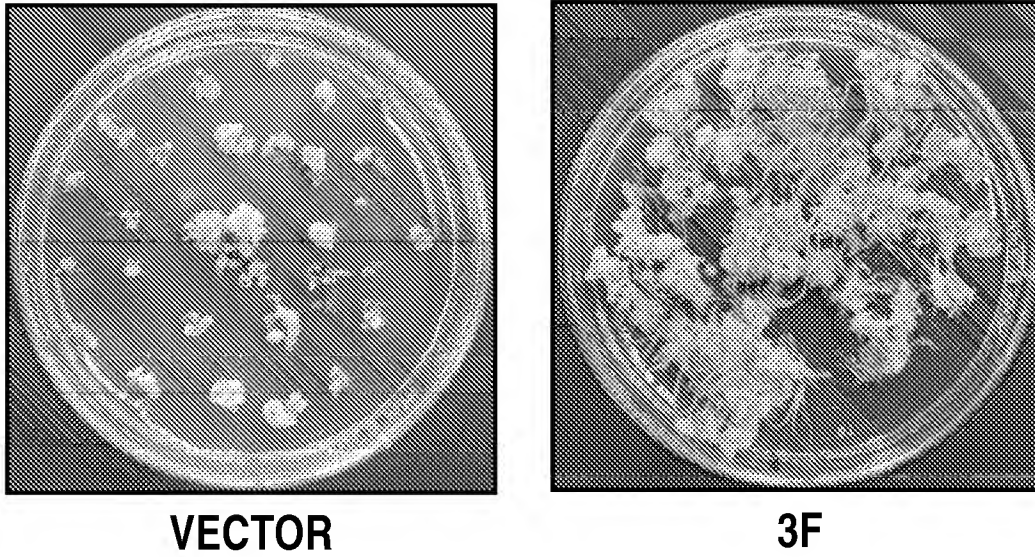
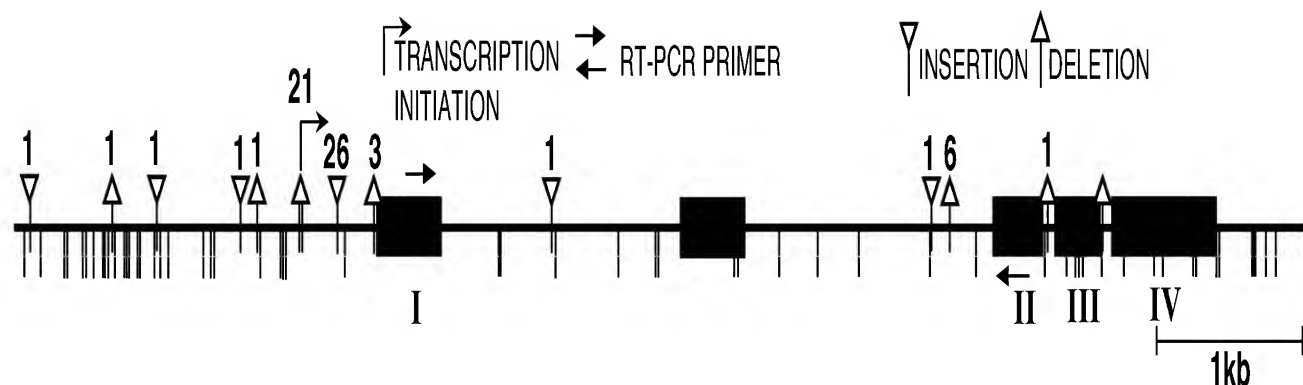


Fig. 4

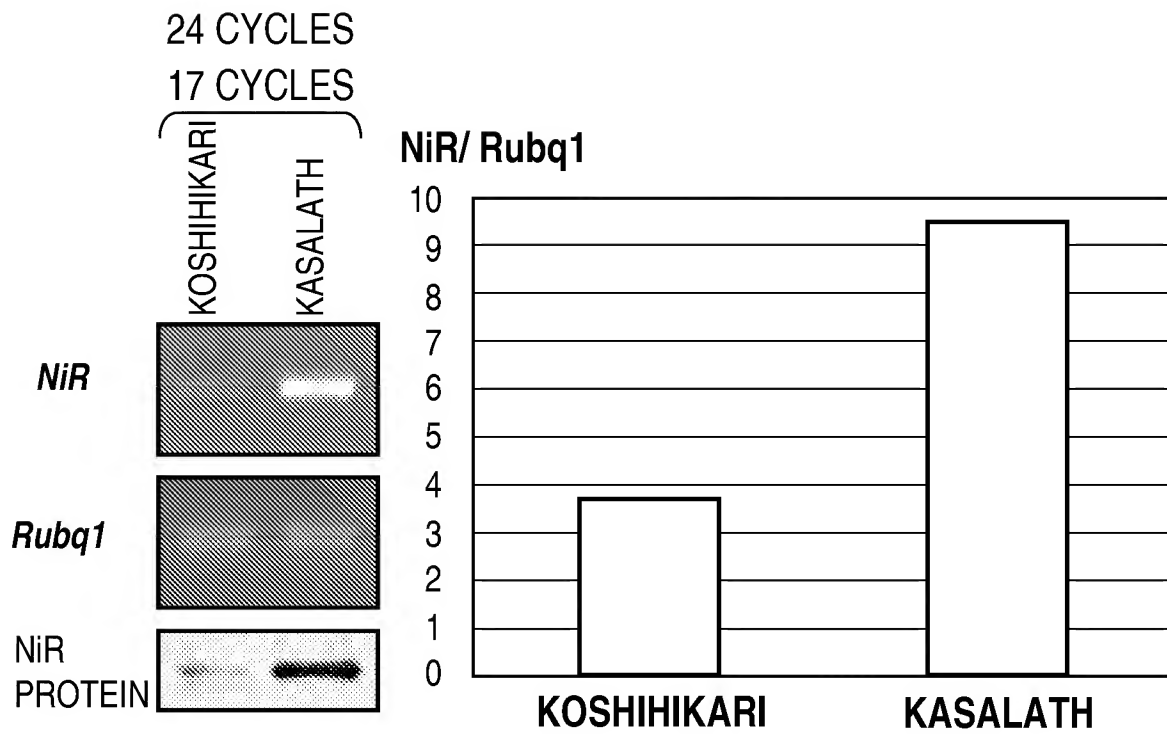


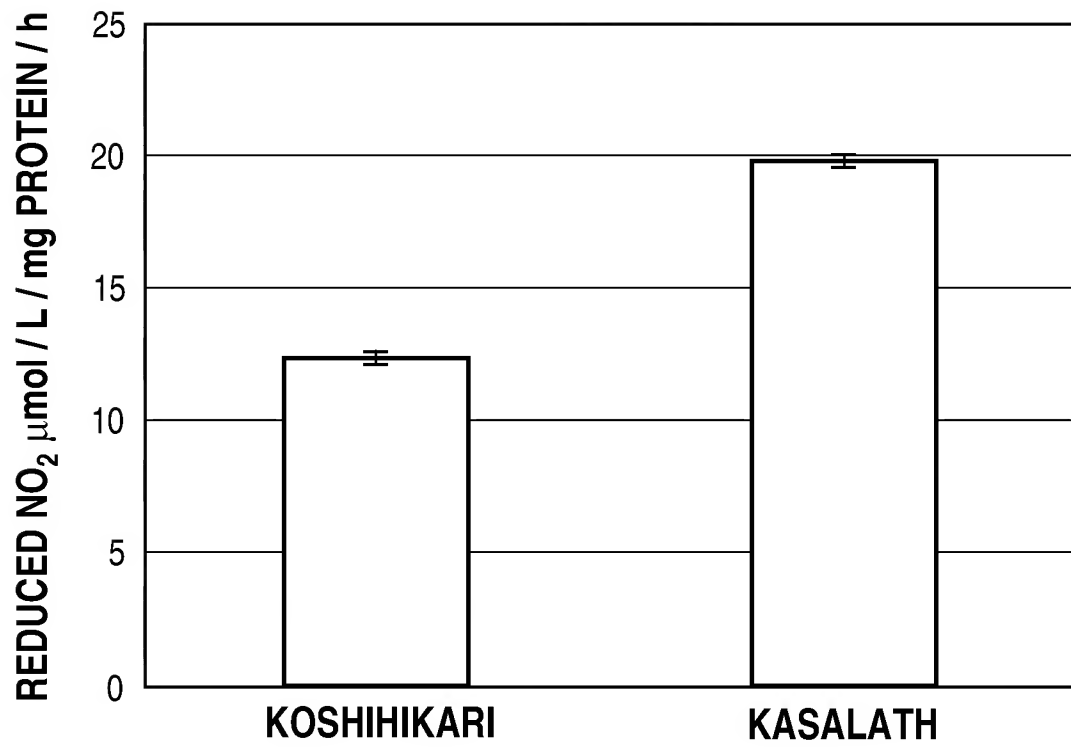
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181	QIRGVTLPDVPAILDGLNAVGLTSLQSGMDNVRNPVGNPLAGIDPDEIVDTRSYTNLLSS	240
241	YITSNFQGNPTITNLPRKWNVCVIGSHDLYEHPHINDLAYMPAVKGGKFGFNLLVGGFIS	300
301	PKRWEEALPLDAWVPGDDIIPVCKAVLEAYRDLGTRGNRQKTRMMWLIDELGMEAFRSEV	360
361	EKRMPNGVLERAAP ED DLIDKKWQRRDYLGVHPQKQEGMSYVGLHVPVGRVQAADM FELAR	420
421	LADEYGSGELRLTVEQNIVIPNVKNEKVEALL SA EPLLQKFSPQPSLLLKGLVACTGNQFC	480
481	GQAI IETKQRALLVTSQVEKLVSVPRAVRMHWTGCPNSCGQVQVADIGFMGCLTKDSAGK	540
541	IVEAADIFVGGRVGS DSHLAGAYKKSVP CDELAPIVADILVERFGAVRRERE EDEE	596

(SEQ ID NO: 3 OR 6)

Fig. 5

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**Fig. 6**

**Fig. 7**

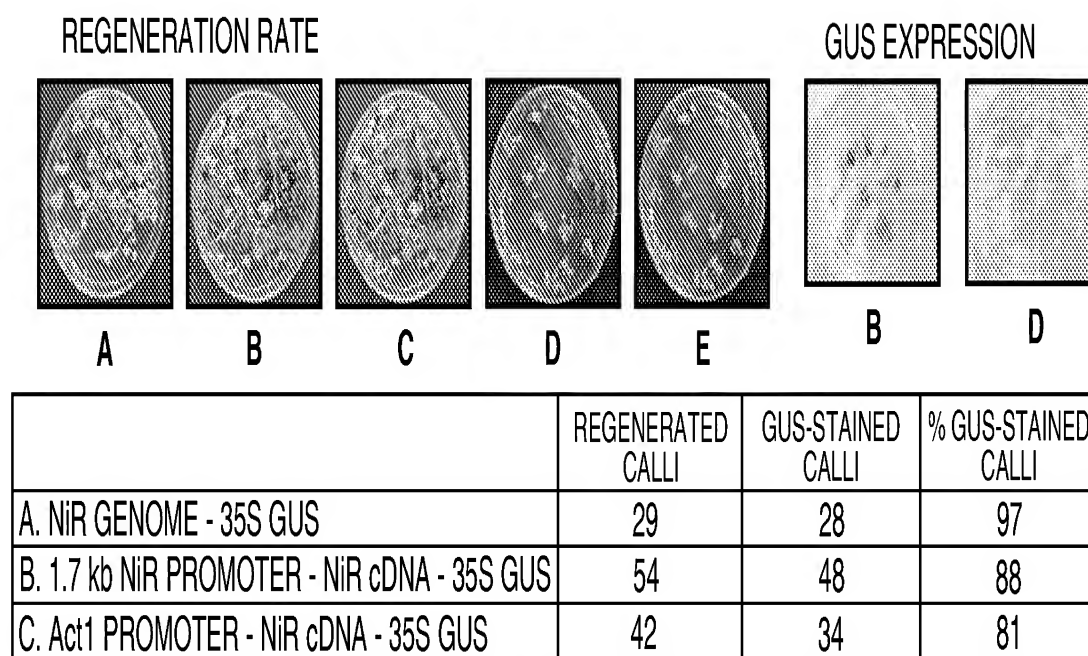
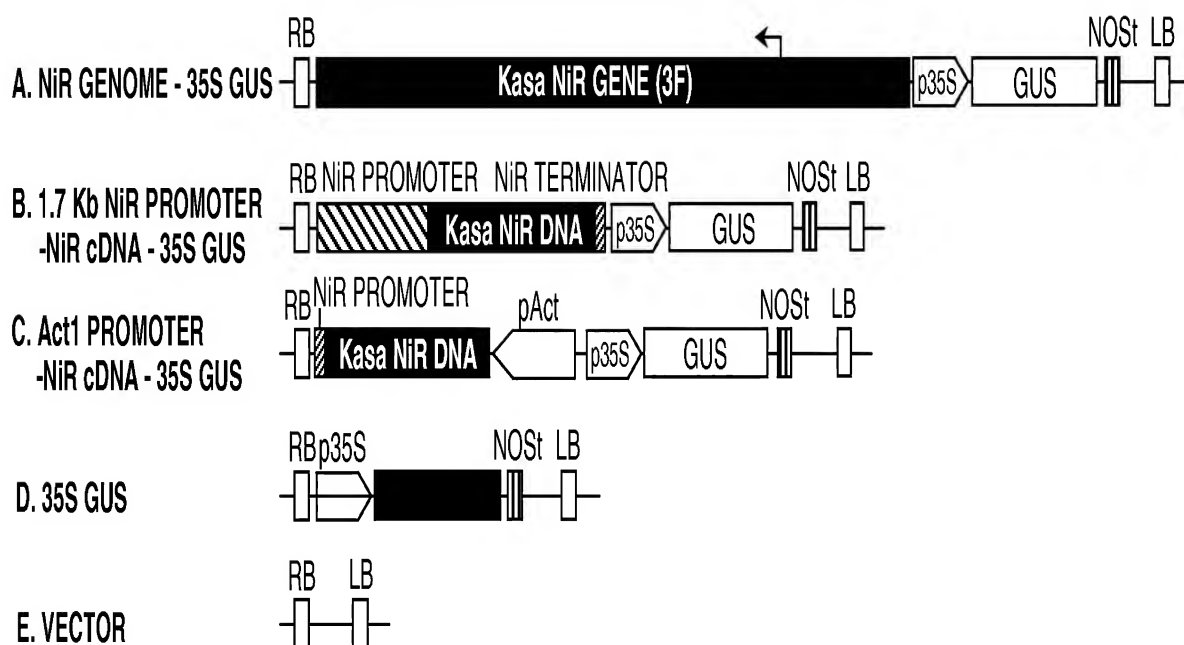
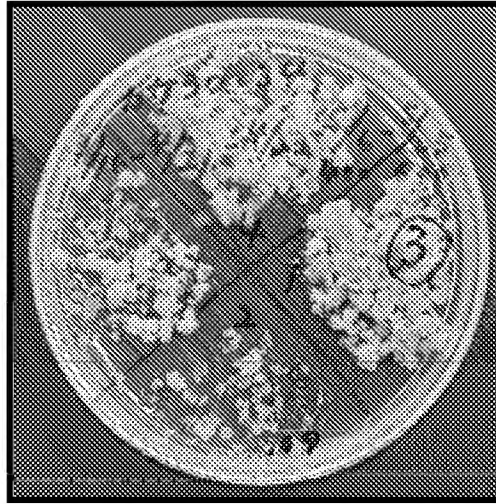


Fig. 8

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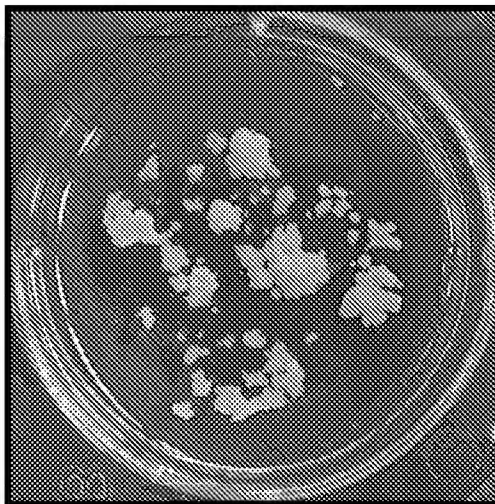
+NaNO₂



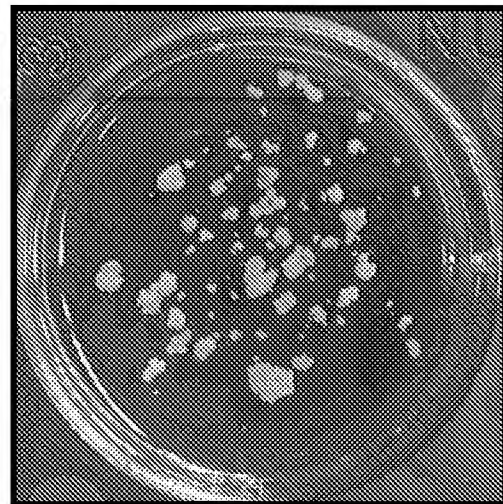
a

b

GUS - Stained



a



b

Fig. 9